



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Inventor: Richard M. Ehrlich
Appl. No.: 10/620,818
Confirm. No.: 1232
Filed: July 16, 2003
Title: SERVO DEMODULATION SYSTEMS
INCLUDING MULTIPLE SERVO
DEMODULATORS

PATENT APPLICATION

Art Unit: 2651
Examiner: Faber, Alan

Atty. Docket No. PANA-01046USG

Customer No. 23910

(PANAP-01046USG)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- X Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- X The present application is being/was filed after June 30, 2003. In accordance with the pre-official gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at: pac/dapp/opla/preognotice/idswouscopies.htm, copies of cited U.S. patents and publications are not enclosed. However, copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98(a)(2), as still required, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

This statement should be considered because:

- X 37 C.F.R. §1.97(c). Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (check at least one of the following) --

— (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).

-- OR --

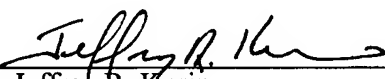
X (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

✓ **Fee Authorization.** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325.

Respectfully submitted,

FLIESLER MEYER LLP

Date: 4/21/05

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FORM PTO-1449

(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

PANA-01046USG

Serial No.

10/413,338

Applicant

Richard M. Ehrlich

Filing Date

July 16, 2003

Group Art Unit

2651

**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

(Use several sheets if necessary)

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	Name	Class	Subclass	Filing Date
	1.	4,188,646	2/12/1980	Sordello et al.			
	2.	4,271,519	6/2/1981	Hall			
	3.	5,585,975	12/17/1996	Bliss			
	4.	6,108,153	8/22/2000	Glover			
	5.	6,122,131	9/19/2000	Jeppson			
	6.	6,181,505	1/30/2001	Sacks et al.			
	7.	6,392,831	5/21/2002	Yeo et al.			
	8.	6,487,032	11/26/2002	Cloke et al.			
	9.	6,504,663	1/7/2003	Hirano et al.			
	10.	6,525,615	2/25/2003	Masenas et al.			
	11.	6,545,836	4/8/2003	Ioannou			
	12.	6,594,103	7/15/2003	Despain			
	13.	6,678,110	1/13/2004	Ellis			
	14.	6,680,807	1/20/2004	She et al.			
	15.	6,760,173	7/6/2004	Kuki et al.			

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
	16.	2003/0026363 A1	2/6/2003	Stoter et al.
	17.	2003/0026017 A1	2/6/2003	Chong et al.
	18.	2005/0013027 A1	1/20/2005	Ehrlich
	19.	2005/0013030 A1	1/20/2005	Ehrlich
	20.	2005/0013031 A1	1/20/2005	Ehrlich
	21.	2005/0063087 A1	3/24/2005	Ehrlich

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN _____, filed _____, 20____, relied on under 35 USC §120.

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(Use several sheets if necessary)

2005/0063088 A1

3/24/2005

Ehrlich

PENDING U.S. PATENT APPLICATIONS

Examiner Initial	Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

23.	Abramovitch et al., "Customizable Coherent Servo Demodulation for Disk Drives," September 1998, IEEE/ASME Transactions on Mechatronics, Vol. 3, No. 3, pp. 184-193.

EXAMINER

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